



Mercedes-Benz

Actros S/M cab

1845 LS 4x2 BM 96340312

Semitrailer tractor

General information	
Model variant + Code	963403 W9Z F1A M3B M5C C2C V1W V1O V2F M5B
Creation date	01.04.2021
Cab version	S-cab ClassicSpace, 2.30 m, tunnel 170 mm
Wheelbase	Wheelbase 4000 mm
Rear overhang	Frame overhang 750 mm

Dimensions [mm]				
	Laden		Unladen	
Frame height at front	904		976	
Frame height at rear	947		982	
Extent of lift/sinking of rear axle	200	-80	200	-80
Total height incl. air intake	3396			
Ground clearance at front	235			
Ground clearance at rear	212			
Turning circle [m]	15.8			

Engine	
Engine: M3B	Eng. OM471, inline 6, 12.8 l, 330kW (449hp), 2200 Nm
Emissions standard: M5C	Engine version Euro VI, D

Power transmission	
Clutch	Single-disc clutch
Transmission	Transmission G 211-12/14.93-1.0
Final drive ratio	Axle ratio i = 2.412

Chassis				
Front springs		Front spring, 7.5 t, 2-leaf		
Rear springs		Air suspension, rear axle		
	Axles	Wheels	Tyres	Wheel rims
Front axle	Front axle 7.5 t	2	315/70 R 22,5	15-degree tapered rims, 9.00 x 22.5
Rear axle	Rear axle, crown wheel 440, hypoid, 13.0 t	4	315/70 R 22,5	15-degree tapered rims, 9.00 x 22.5

Equipment	
Brakes	Disc brakes on front and rear axle
Braking system	Electronic braking system with ABS and ASR
Engine brake	Exhaust brake, standard system
Battery	Batteries 2 x 12 V / 170 Ah, low-maintenance
Battery carrier	Battery carrier, batteries side by side
Main fuel tank	Tank, 390 l, left, 650 x 700 x 1000 mm, aluminium
AdBlue tank	AdBlue tank, 60 l, left
Steering	Steering, single-circuit
Frame	High-strength with continuous U-section side members with constant web height, hole pattern 50x50 mm, frame track at rear 834 mm

Weights [kg]					
	1st axle	2nd axle	3rd axle	4th axle	Total
Technically permissible weights	7500	11500	-	-	18000
Kerb weight**	4917	1790	-	-	6707
Payload/fifth-wheel load	2583	9710	-	-	11293
Gross combination weight	-	-	-	-	44000
Body and payload centre of gravity ahead of rearmost axle [from – to]	561 – 915				

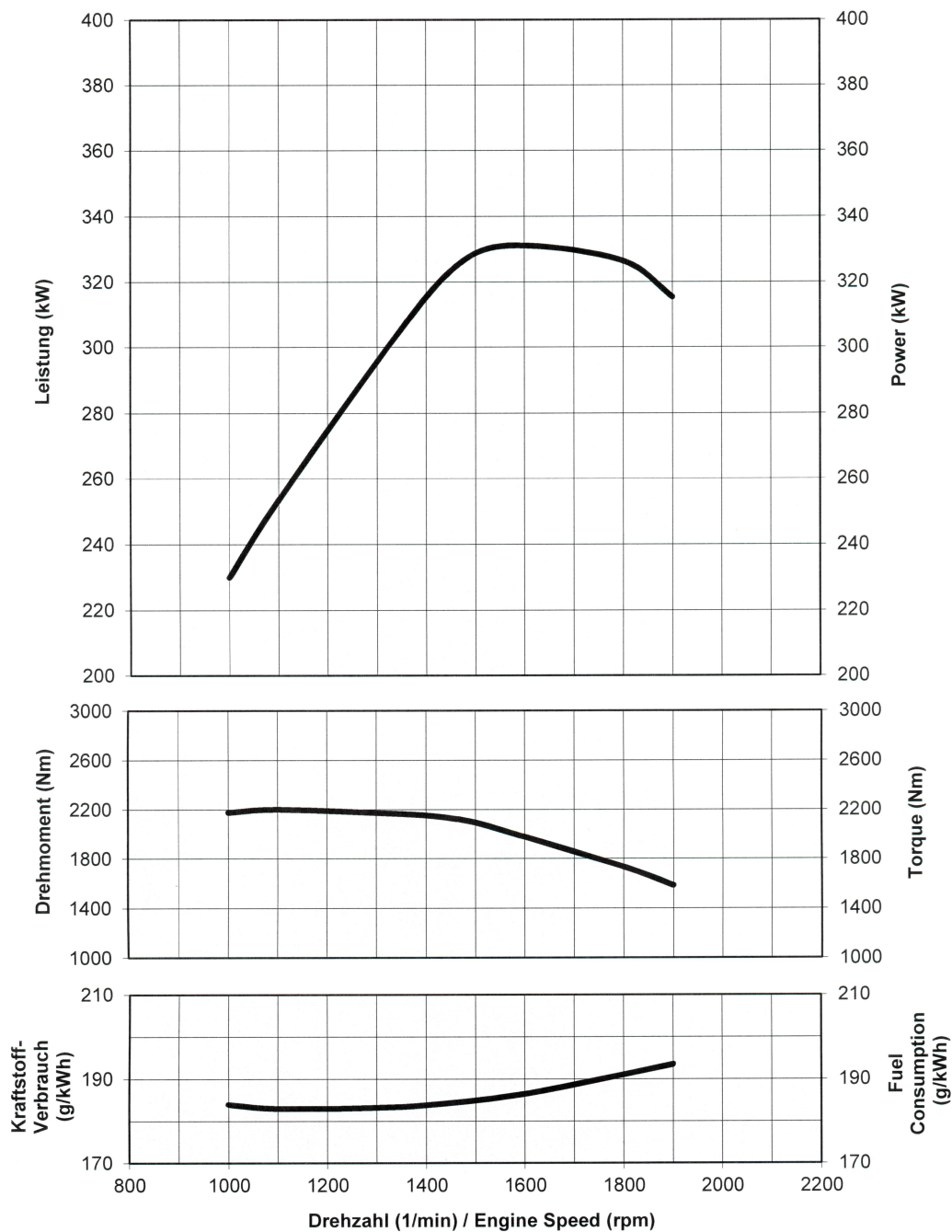
** Ready-to-drive condition as specified by European Directive 97/27/EC

Notes

Subject to change without notice. All the information in this data sheet should be viewed as indicative. The illustrations may show accessories and items of special equipment which are not part of standard specification. This data sheet may also contain models and services which are not available in certain countries. Information given regarding statutory regulations, legal requirements and taxation and the consequences thereof applies to the Federal Republic of Germany only. Please consult your Mercedes-Benz commercial vehicle dealer for final details.



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P_{\max} 330 kW bei 1600/min, 595/2009/EG
 $M_{d\max}$ 2200 Nm bei 1100/min, $M_{d0} = 12\%$

Stationäre Volllastkurven

P_{\max} 330 kW at 1600 rpm, 595/2009/EC
 L_{\max} 2200 Nm at 1100 rpm, $L_i = 12\%$

Stationary full load curves

Leistung, Drehmoment

OM 471, Euro VI, FE1

Power, Torque

OM 471, Euro VI, FE1

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